

# AA.M1C4 - BALTIC PHOTIC MIXED SUBSTRATE DOMINATED BY KELP

## AUTHOR

HELCOM RED LIST Biotope Expert Team

## TEXTUAL DESCRIPTION

Baltic bottoms in the photic zone with more than 10 %, but less than 90 % coverage of both hard and soft substrata. Perennial algae covers at least 10 % of the seabed and more than other perennial attached erect groups. Out of the perennial algae, kelp constitutes at least 50 % of the biovolume.

## PHYSICAL ENVIRONMENT

Salinity range: >11 psu; Exposure range: moderate to high; Depth range: photic zone from about 3 meters.

## CHARACTERISTIC SPECIES

*Saccharina latissima*, *Laminaria digitata*

## GEOGRAPHIC RANGE

Kattegat, the Sound and Belt Sea

## ANTHROPOGENIC THREATS

Eutrophication

## CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

### HELCOM 1998:

2.8 Mixed sediment bottoms

2.8.2 Sublittoral photic zone

2.8.2.2 Dominated by macrophyte vegetation

### EUNIS 2012:

A5 Sublittoral sediment

A5.5 Sublittoral macrophyte-dominated sediment

A5.52 Kelp and seaweed communities on sublittoral sediment

<http://eunis.eea.europa.eu/habitats/598>